

SDS

Distributed by:
Modern Teaching Aids
Level 1, 122-126 Old Pittwater Rd
Brookvale NSW Australia
P: 1800 251 497 F: 1800 151 492
W: teaching.com.au



Date of Issue: 27th October, 2015

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: AA005 - Supertac
Other Names: Supertac Adhesive
Use: General purpose craft adhesive

Distributor/Importer:
Modern Teaching Aids
Level 1, 122-126 Old Pittwater Rd, Brookvale NSW Australia
Ph: 1800 251 497 Fax: 1800 151 492

Emergency: Poison Information Centre 13 11 26

2. HAZARDS IDENTIFICATION

Classification: Not classified as hazardous according to NOHSC criteria.
Not classified as a dangerous good according to the Australian Dangerous Good Code- 6th edition.

Risk Phrases: Not applicable
Safety Phrases: S2 Keep Out of Reach of Children
S24/25 Avoid contact with skin and eyes.
S3 Keep containers in a cool place.
S51 Use only in well ventilated areas.

UN No.: Not applicable Packing Group: Not applicable
DG Class: Not applicable Hazchem Code: Not applicable
Subsidiary Risk(s): Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product consists of a water based emulsion including additives listed.

Ingredients:

Chemical Entity	CAS No.	Proportion
Vinyl acetate	108-05-4	0 - 0.5%

Other ingredients determined not to be hazardous.

4. FIRST AID MEASURES

- Eye Contact:** Immediately irrigate the contaminated eye with plenty of water, holding the eyelid open. If irritation develops and persists, seek medical attention.
- Skin Contact:** Remove any contaminated clothing and wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention. Ensure contaminated clothing is washed before re-use or discard.
- Inhaled:** Remove the source of contamination or move the victim to fresh air immediately. If not breathing, apply artificial respiration at once and seek urgent medical advice. If irritation develops and persists, seek medical attention.
- Swallowed:** Do NOT induce vomiting. Seek medical attention. For advice, contact a Poison Information Centre (Australia 13 1126; New Zealand 0800 764 766) or a doctor at once.

Advice to Doctor: Treats symptomatically

First aid facilities: Eye wash fountain and normal wash room facilities.

Aggravated medical conditions caused by exposure:
Exposure may aggravate existing conditions including skin sensitisation and dermatitis.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide to extinguish fire.

Special Fire Fighting Procedures: Wear full protective clothing and self contained breathing apparatus to protect against hazards in surrounding area.

Fire/Explosion Hazards: Product is non flammable under normal conditions of use. Once aqueous portion of product has evaporated, the residual will burn and toxic fumes will be emitted.

Hazards from Combustion Products: Carbon oxides.

Hazchem Code: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Evacuate area of all unnecessary people. Shut off source of leak if safe to do so. Increase ventilation. Wear full protective equipment and clothing to minimise exposure.

Containment & Clean-Up:

Contain the spill with inert, non-combustible, absorbent material. Using non sparking tools and equipment; collect the material and place into a suitable labelled and sealed container.

Conform to all local, state or federal regulations and guidelines for waste disposal. Do not flush or allow spillage to enter into drains; sewers or watercourses – inform the local authority and the Environmental Protection Authority if this occurs.

7. HANDLING AND STORAGE

Handling:

Use only in a well ventilated area. Avoid inhalation of vapours. Build up of mists or vapours in the atmosphere must be prevented. Minor components will migrate into the container headspace and will accumulate in non vented container headspaces. Open drums in a well ventilated area. Repeated or prolonged exposure with no personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet.

Storage:

Store in a dry, cool, well ventilated area; away from incompatible materials, foodstuffs and clothing. Store away from direct sunlight and protect against freezing. Minimise contact with atmospheric air to prevent inoculation with micro organisms. Keep containers closed when not in use and protected against physical damage. Inspect regularly for damage or leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:

No National Occupational Health and Safety Commission (NOHSC) exposure standards are assigned for this specific product. Exposure standards for Vinyl Acetate are listed below. As with all chemicals, exposure should be maintained to the least possible levels.

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³

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*Vinyl Acetate		10	35	20	70
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**As listed on the National Occupational Health & Safety Commission's: National Exposure Standards Database.*

Biological

Limits: No biological limit values are available for this product.

Engineering

Controls: The working environment must be adequately ventilated to maintain air concentrations to a minimum and below exposure limits especially where vapours or mists are generated; particularly in enclosed areas where natural ventilation is inadequate. A local exhaust ventilation system or an approved respirator may be required depending on assessment of local working environment.

Personal Protective Equipment:

Respiratory

Type: Approved respirators may be necessary to prevent over exposure by inhalation. An approved respirator with filter may be suitable however will vary according to individual circumstances i.e. actual airborne concentrations in local working environment. Hence the user should make the final assessment. Expert advice may be required to make this decision.
Refer to AS/NZS 1715 – Selection, use & maintenance of respiratory protective devices and AS/NZS 1716 – Respiratory Protective Devices.

Glove Type: Impervious gloves recommended. Due to variations in glove construction and individual circumstances, the user should make a final assessment. Expert advice may be required.
Refer to AS/NZS 2161 Occupational protective gloves – Selection, use and maintenance.

Eye Protection: To prevent eye contact, wear safety glasses, chemical goggles or face shield as appropriate. Refer to AS/ NZS 1337 – Eye protectors for industrial applications.

Clothing: Wear impervious protective clothing to prevent skin contact. Discard or wash contaminated clothing before re-use.

Other: Subsequent to handling product, do not eat or drink until after washing hands thoroughly.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque milky white emulsion
pH: Not available
Odour: Mild hydrocarbon odour
Solubility in Water: Miscible

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Boiling Point (°C): IBP: Approx. 100°C
Vapour Pressure: Not available
Relative Vapour Density: Not available
Specific Gravity: Approx. 1.1
Flash Point (°C): Not available
Flammability limits: LEL: Not available; UEL: Not available
Ignition temperature: Not available

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.
Coagulation may occur following freezing, thawing or boiling.

Conditions to Avoid: Heat i.e. direct sunlight. Freezing temperatures. Contact with incompatible materials.

Material to Avoid: Mineral acids; alkalis; oxidisers.

Hazardous Decomposition Products:
Oxides of Carbon

Hazardous Reactions: Possible hazardous reaction with incompatible materials.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary:
Acute:

Eye: May cause moderate eye irritation. Symptoms may include redness, pain, stinging, tearing, swelling or brief blurred vision.

Inhalation: Inhalation of vapours or spray mists may lead to irritation of the respiratory system. Symptoms of overexposure may include fatigue, soar throat, headache, drowsiness, dizziness and possible nausea. Prolonged exposure to very high concentrations of vapour may result in central nervous system effects which can lead to loss of coordination, impaired judgement and if exposure is severe; unconsciousness and coma.

Skin: Skin contact may cause irritation. Symptoms may include itching, redness or rash. Prolonged and repeated exposure may cause irritation leading to dermatitis.

Ingestion: Ingestion may result in gastrointestinal irritation. Symptoms may include nausea, abdominal pain and vomiting.

Chronic: Prolonged and repeated skin contact may result in irritation leading to dermatitis.

Other toxicological information:

This product contains vinyl acetate.

ACGIH has evaluated vinyl acetate as an A# Animal Carcinogen. That is, a chemical unlikely to cause cancer in humans except under uncommon or unlikely routes of exposure.

The International Agency for Research of Cancer (IARC) has listed vinyl acetate in Group 2B. That is, an agent possibly carcinogenic to humans.

The vinyl acetate contained in this product is below hazardous concentration levels however exposure, as with all chemicals, should be maintained at the lowest possible levels.

Studies on pregnant animals have shown that the hydrocarbon solvent contained in this product has caused developmental toxicity to their unborn. Although there has been no official link, it is advised that pregnant women be prohibited from the use of this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data is available for this specific product.

Persistence & Degradability: No data is available for this specific product.

Mobility: No data is available for this specific product.

Environmental Fate (exposure): No data is available for this specific product.

Bioaccumulative Potential: No data is available for this specific product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of waste product and containers in accordance with all local, state or federal regulations and guidelines for waste disposal. Do not flush unused or waste product directly into the environment i.e. into drains.

14. TRANSPORT INFORMATION

Transport: This product is not classified as a dangerous good in accordance with the Australian Dangerous Good Code – 6th Edition.

UN No.: Not applicable

UN Proper Shipping Name: Not applicable

DG Class: Not applicable

Subsidiary Risk(s): Not applicable

Packing Group: Not applicable

Hazchem Code: Not applicable

Special Precautions:

Do not allow containers to be exposed to heat (i.e. direct sunlight) or freezing temperatures whilst transporting.

15. REGULATORY INFORMATION

Regulatory Information:

SUSDP Poisons Schedule Number: Not scheduled

Labelling requirements of the SUSDP standard do not apply to a poison that is packed and sold solely for dispensary, industrial, laboratory or manufacturing purposes; and is labelled in accordance with the National Occupational Health and Safety Commission's *National Code of Practice for the Labelling of Workplace Hazardous Substances*.

16. OTHER INFORMATION

Abbreviations used in MSDS:

Approx: Approximately

AS/NZS: Australian Standard / New Zealand Standard

>: Greater than

<: Less than

The above information is accurate to the best of the knowledge available to us. However, since data, safety standards and Government regulations are subject to change, and the conditions of handling and use (or misuse) are beyond our control, we make no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein AND disclaim all liability for reliance thereon. Users should satisfy themselves that they have all data relevant to their particular use.